Claims

I claim:

1. A method of inducing an immune response in a patient, comprising the step of administering a bispecific antibody to the patient, said bispecific antibody comprising a first binding site capable of recognizing and binding a first antigen wherein said first antigen is FcγRIII and further comprising a second binding site capable of recognizing and binding a second antigen.

2. The method according to claim 1, wherein said first binding site is a binding site derived from the monoclonal antibody produced from the 3G8 hybridoma.

3. The method according to claim 1, wherein said second antigen is present in the patient.

4. The method according to claim 1, wherein said second antigen is a self antigen.

5. The method according to claim 1, wherein said second antigen is a cancer antigen.

6. The method according to claim 5, wherein said cancer antigen is selected from a group consisting of:

c-*erb*B-2, 145kD, 275kD, 40kD, 60kD, 100kD, 42kD, 55kD, 66kD, 75kD, 80kD, glycolipid, HMW mucin, HMW mucin II, and p-glycoprotein.

7. The method according to claim 6, wherein said second binding site

comprises a binding site derived from a monoclonal antibody produced by a hybridoma selected from the group consisting of:

42H8, 452F2 (HB 10811), 741F8 (HB 10807), 520C9 (HB 8696), 759E3 (HB 10808), 454C11 (HB 8484), 387H9 (HB 10802), 113F1 (HB 8490), 317G5 (HB 8485, HB 8691), 34F2 (HB 11052), 650E2 (HB 10812), 35E6, 266B2 (HB 8486), 106A10 (HB 10789), 260F9 (HB 8488 and HB 8662), 33F8 (HB 8697), 9C6 (IHB 10785), 35E10 (HB 10796), 140A7 (HB 10798), 36H3, 788G6 (HB 8692), 200F9 (HB 10791), 697B3 (HB 10806), 120H7 (HB 10790), 203E2 (HB 10799), 254H9 (HB 10792), 245E7 (HB 8489), 2G3 (HB 8491), 369F10 (HB 8682), 15D3 (HB 11342), 421E8 (HB 10793), 310B7 (HB 11752), 32A1 (HB 10795), 219F3 (HB 10801), 42E7 (HB 11751), and 388D4 (HB 10794).

8. The method according to claim 1, wherein said bispecific antibody is produced by the hybrid hybridoma CRL 10197.

9. The method according to claim 1, wherein said bispecific antibody is produced by the hybrid hybridoma HB 10501.

10. The method according to claim 1, wherein said second antigen is a viral antigen.

11. The method according to claim 10, wherein said viral antigen is expressed by a virus, said virus selected from the group consisting of HIV, HAV, HBV, HCV, HPV, HSV, CMV, Epstein-Barr virus and influeza virus.

12. The method according to claim 1, wherein said second antigen is a fungal antigen.

13. The method according to claim 1 wherein said second antigen is a

parasitic antigen.

14. The method according to claim 1, wherein said second antigen is a toxin.

15. The method according to claim 1,wherein said second antigen is not present in the patient upon first administration of the bispecific antibody.